

**RECEIVED  
CENTRAL FAX CENTER**

**FEB 01 2008**

**FAX COVER SHEET**

---

TO {U.S. Patent & Trademark Office} via j2

---

COMPANY U.S. Patent & Trademark Office

---

FAX NUMBER 15712738300

---

FROM Salvatore Arrigo

---

DATE 2008-02-01 21:14:35 GMT

---

RE 09/658,862

---

**COVER MESSAGE**

---

**RECEIVED  
CENTRAL FAX CENTER****FEB 01 2008****PATENT  
Customer No. 76,392****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Campbell et al. ) Group Art Unit: 1632  
Application No. 09/658,862 ) Examiner: D. Crouch  
Filed: September 8, 2000 ) Confirmation No.: 2555  
For: Unactivated Oocytes As Cytoplasm )  
Recipients for Nuclear Transfer )

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this correspondence is being facsimile transmitted to the  
United States Patent & Trademark Office, Fax No. (571) 273-8300 on 2/1/2008.

By:



Salvatore J. Arrigo  
Registration No. 46,063  
Telephone: 202.772.7701  
Facsimile: 888.866.4907  
E-mail: sal@arrigo.us

**RECEIVED  
CENTRAL FAX CENTER**

FEB 01 2008

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Campbell et al.

Application Nos.:

09/658,862 (filed 09/08/2000)  
11/068,903 (filed 03/02/2005)  
11/544,038 (filed 10/06/2006)

For: Unactivated Oocytes as Cytoplasm  
Recipients for Nuclear Transfer

Commissioner for Patents

P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REVOCATION OF POWER OF ATTORNEY  
STATEMENT UNDER 37 C.F.R. § 3.73(b)  
CORRESPONDENCE ADDRESS CHANGE  
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the assignee  
owning all of the interest in the patent applications identified above, hereby revokes all  
previous powers of attorney or authorization of agent granted in these applications  
before the date of execution hereof.

The undersigned verifies that Roslin Institute (Edinburgh) is the assignee of the  
entire right, title, and interest in the patent applications identified above by virtue of an  
assignment from the inventors to Roslin Institute (Edinburgh), recorded in the U.S.

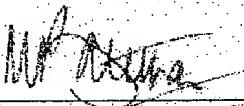
Patent and Trademark Office at Reel 8582, Frames 0263-0264 (copy attached); an  
assignment from Roslin Institute (Edinburgh) to the Roslin Institute (Edinburgh), the

Ministry for Agriculture Fisheries and Food ("MAFF"), and the Biotechnology and Biological Sciences Research Council ("BBSRC"), recorded in the U.S. Patent and Trademark Office at Reel 9220, Frames 0250-0256 (copy attached); and an assignment from Roslin Institute (Edinburgh), the Secretary of State for Environment, Food & Rural Affairs acting through the Department for the Environment, Food & Rural Affairs, formerly known as MAFF, and the BBSRC to the Roslin Institute (Edinburgh), recorded in the U.S. Patent and Trademark Office at Reel 017336, Frame 0136 (copy attached).

The undersigned representative of the assignee hereby grants its power of attorney to the patent practitioners associated with **Law Office of Salvatore Arrigo, Customer Number 76,392**, to prosecute these applications and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Please change the correspondence address for the above-identified applications to the address associated with Customer No. 76,392.

Dated: 15<sup>th</sup> Jan - 2007

By: 

Name: Malcolm Bowman

Title: Director of Finance

Assignee: Roslin Institute(Edinburgh)

RECEIVED  
CENTRAL FAX CENTER

MRD 6-29-98

06-10-1998

FEB 01 2008

FORM PTO-159B  
1-31-92

DOCKET NO.: 2980-003



100733314

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner or his duly authorized representative:

## 1. Name of conveying party(ies):

ROSLIN INSTITUTE (EDINBURGH)

Additional name(s) of conveying party(ies) attached? Yes  No 

## 3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other

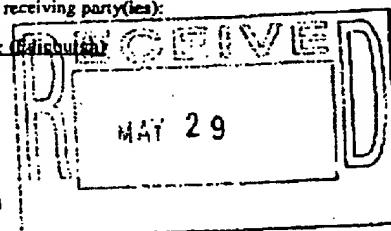
Execution Date: March 26, 1998 and April 7, 1998

## 2. Name and address of receiving party(ies):

Name: Roslin Institute (Edinburgh)

Internal Address:

Street Address: Roslin



City: Midlothian EH25 9PS State/Country: GREAT BRITAIN ZIP:

Additional name(s) & address(es) attached? Yes  No 

## 4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent / application No(s). 08/803,165, filed February 19, 1997

B. Patent No(s).

Additional numbers attached? Yes  No 

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gilberto M. Villacorta, PEPPER HAMILTON LLP

Internal Address:

Street Address: 1300 Nineteenth St., N.W.

City: Washington, D.C.      State: ZIP: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

50-0436

06/08/1998 MBUTEN 00000171 300438 08803183

01 FC:581

40.00 CH

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Gilberto M. Villacorta, 34,038  
Name and Registration No. of Person Signing

Signature

May 29, 1998

Date

Total number of pages comprising cover sheet: 2

CMB No. 0851-0011 (exp. 4/94)

Document # 71087

PATENT  
REEL: 9220 FRAME: 0250

**DOCKET NO.: 2980-003**

**Continuation of Recordation Cover Sheet, Item # 2:**

The Minister of Agriculture, Fisheries and Food  
Nobel House  
17 Smith Square  
London, SW1P 3JR

Biotechnology and Biological Sciences Research Council  
Polaris House  
North Star Avenue  
Swindon, SN2 1UH

**PATENT  
REEL: 9220 FRAME: 0251**

**PATENT ASSIGNATION**

by

(1) **ROSLIN INSTITUTE (EDINBURGH),**

in favour of

**ROSLIN INSTITUTE (EDINBURGH); THE MINISTER OF AGRICULTURE,  
FISHERIES AND FOOD; and BIOTECHNOLOGY and BIOLOGICAL SCIENCES  
RESEARCH COUNCIL**

1998

Wright Johnston & Mackenzie  
Solicitors  
12 St Vincent Place  
Glasgow G1 2EQ

(Ref: A00020016/KMC/JCH)

**PATENT  
REEL: 9220 FRAME: 0252**

**PATENT**

by

(1)

**ROSLIN INSTITUTE**  
incorporated under the Companies Act 1985  
company limited by guarantee with registered  
number 157100 and having its registered office  
at Roslin, Midlothian, EH25 9PS ("the  
Assignor")

in favour of

(2)

**ROSLIN INSTITUTE (EDIN)**  
incorporated under the Companies Act 1985  
company limited by guarantee with registered  
number 157100 and having its registered office  
at Roslin, Midlothian, EH25 9PS and THE  
**MINISTER OF AGRICULTURE,  
FISHERIES AND FOOD** of Nobel House, 17  
Smith Square, London, SW1P 3JR acting  
through the Ministry of Agriculture, Fisheries  
and Food; and **BIOTECHNOLOGY AND  
BIOLOGICAL SCIENCES RESEARCH  
COUNCIL**, whose principal office is at Polaris  
House, North Star Avenue, Swindon, SN2 1UH  
(collectively referred to as "the Assignees")

**WHEREAS**

- (A) The Assignor is the proprietor of the Patent Applications set out in the Schedule annexed and executed as relative hereto (the "Patent Applications");
- (B) The Assignor has agreed to assign the Patent Applications to the Assignees; and
- (C) The Assignees have agreed to hold the Patent Applications and any granted patents issuing from such applications subject to a Co-Ownership Agreement to be entered into of even date herewith by the parties to this Agreement.

**NOW IT IS HEREBY AGREED** as follows:-**I. Assignment**

The Assignor hereby assigns to the Assignees as joint owners the entire right, title and interest of the Assignor in and to the Patent Applications and any patents or other similar forms of protection granted pursuant to the Patent Applications together with the right to recover and to take all such proceedings as may be necessary for the

**PATENT  
REEL: 9220 FRAME: 0253**

recovery of damage and other forms or relief in respect of all infringements of the Patent Applications whether taking place before or after the date of this Assignment.

## 2. Further Assurance

Each party agrees generally to sign, seal, execute and deliver all documents, deeds, licences and agreements and to do all acts and things which may be required or may be deemed necessary that any party for giving effect to this Assignment including, without limitation, entry into instruments confirmatory of such rights for registration with appropriate authorities anywhere in the world.

## 3. Governing Law

This Agreement shall be governed by Scots Law and the parties agree to submit to the non exclusive jurisdiction of the Scottish Courts: IN WITNESS WHEREOF these presents consisting of this and the preceding page together with the Schedule annexed hereto are executed as follows:-

Subscribed for and on behalf of BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL by Scott McGregor Lawrie their duly authorised signatory at London on 26<sup>th</sup> March 1998 before the following witness:-

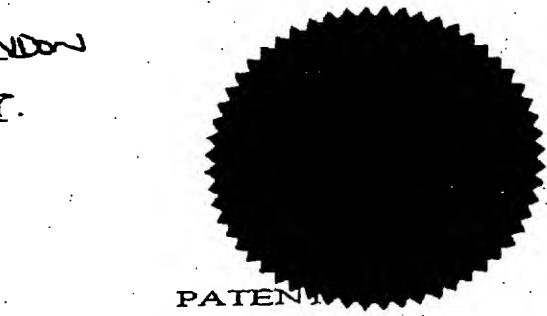
Witness: Justine A Strong  
Full Name: JUSTINE ANN STRONG  
Address: 12 ST VINCENT PLACE  
Glasgow

Scott McGregor  
Authorised Signatory

Occupation: TRAINED SOLICITOR

Subscribed for and on behalf of THE MINISTER OF AGRICULTURE, FISHERIES AND FOOD by Dr Anthony Richard Burne, duly authorised signatory at London on 26<sup>th</sup> March 1998 before the following witness:-

Witness: Marylyn Wicks  
Full Name: MRS. MARYLYN WICKS ABurne  
Address: ST. CHRISTOPHER HOUSE Authorised Signatory  
SOUTHWAKE ST, LONDON  
Occupation: CIVIL SERVANT



Subscribed for and on behalf of ROSLIN INSTITUTE (EDINBURGH) by Professor  
Grahame John Bulfield, Director and Chief Executive, at Roslin on 7<sup>th</sup> April  
1998 before the following witness:-

Witness: Clare Anna Neilson

Full Name: CLARE ANNA NEILSON

Address: 12 ST VENANT PLACE  
Glasgow

Occupation: SOLICITOR

Catherine Burns

PATENT  
REEL: 9220 FRAME: 0255

This is the Schedule referred to in the Assignment by (1) Roslin Institute (Edinburgh) in favour of (2) Roslin Institute (Edinburgh); The Minister of Agriculture, Fisheries and Food; and Biotechnology and Biological Sciences Research Council

1. Unactivated Oocytes and Cytoplasm Recipients for Nuclear Transfer (MAGIC)

Filing Date	Priority Date	Country	Application No
30 <sup>th</sup> August 1996	31 <sup>st</sup> August 1995	International	PCT/GB96/02098
30 <sup>th</sup> August 1996	31 <sup>st</sup> August 1995	South Africa	96/7383
30 <sup>th</sup> August 1996	31 <sup>st</sup> August 1995	USA	08/803,165

International Patent Application - proceeding in:

Czech Republic, Hungary, Norway, Poland, Russian Federation, Ukraine, Canada, Brazil, Mexico, Cuba, Australia, China, Israel, Japan, Republic of Korea, New Zealand, Singapore, Vietnam, United Kingdom, Hong Kong, Europe (Austria, Belgium, Switzerland/Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, Sweden).

2. Quiescent Cell Populations for Nuclear Transfer (Quiescence)

Filing Date	Priority Date	Country	Application No
30 <sup>th</sup> August 1996	31 <sup>st</sup> August 1995	International	PCT/GB96/02099
30 <sup>th</sup> August 1996	31 <sup>st</sup> August 1995	South Africa	96/7390
30 <sup>th</sup> August 1996	31 <sup>st</sup> August 1995	USA	08/802,282

International Patent Application - proceeding in:

Czech Republic, Hungary, Norway, Poland, Russian Federation, Ukraine, Canada, Brazil, Mexico, Cuba, Australia, China, Israel, Japan, Republic of Korea, New Zealand, Singapore, Vietnam, United Kingdom, Hong Kong, Europe (Austria, Belgium, Switzerland/Liechtenstein, Germany, Denmark, Spain, Finland, France, United Kingdom, Greece, Ireland, Italy, Luxembourg, Monaco, Netherlands, Portugal, Sweden).

*Scouten, Hartman, Kester*

*Above*

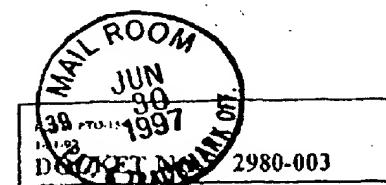
PATENT  
REEL: 9220 FRAME: 0256

*RECORDED: 05/29/1998*

**RECEIVED  
CENTRAL FAX CENTER**

07-14-1997

FEB 01 2008

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

100454558

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies): <u>Keith Henry Stockton CAMPBELL and Ian WILLIAMS</u>  (6-30)-97		2. Name and address of receiving party(ies): <b>Name: Roslin Institute (Edinburgh)</b> Internal Address:  Street Address: <u>Roslin</u> City: <u>Middlethorpe EH25 9JS</u> State/Country: <u>GREAT BRITAIN</u> ZIP:	
Additional name(s) of conveying party(ies) attached? <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>		Additional name(s) & address(es) attached? <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other			
Execution Date: <u>May 13, 1997</u>			
4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). <u>08/803,165</u> , filed February 19, 1997.      B. Patent No(s).			
Additional numbers attached? <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>			
5. Name and address of party to whom correspondence concerning document should be mailed: <b>Name: LOWE PRICE LEBLANC &amp; BROKER</b> Internal Address:  Street Address: <u>99 Canal Center Plaza, Suite 300</u>  City: <u>Alexandria</u> State: <u>VA</u> ZIP: <u>22314</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>12-2237</u>	
DO NOT USE THIS SPACE			
9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Robert L. Price, 22,683</u> Name and Registration No. of Person Signing <u>Signature</u> <u>June 30, 1997</u> Date Total number of pages comprising cover sheet: <u>1</u>			
(CMB No. 0851-0011 (exp. 4/94))			

07/10/1997 ITDN11 00000035 DAH:122237 08803165  
01 FC:581 40.00 CH

PATENT  
REEL: 8582 FRAME: 0263

**RECEIVED  
CENTRAL FAX CENTER**

FEB 01 2008

Locket No.: 2980-003

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Keith Henry Stockman Campbell  
 (2) Ian Wilmut  
 (3) \_\_\_\_\_

(4) \_\_\_\_\_  
 (5) \_\_\_\_\_  
 (6) \_\_\_\_\_

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Roslin Institute (Edinburgh), Roslin, Midlothian EH25 9PS, Great Britain

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

(a) for which an application for United States Letters Patent was filed on February 19, 1997, and identified by United States Serial No. 08/803,165; or

(b) for which an application for United States Letters Patent was executed on, May 13<sup>th</sup> 1997,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) Name: Keith Henry Stockman Campbell <i>KHS Campbell</i>	<u>13.05.97</u>
2) Name: Ian Wilmut <i>I.Wilmut</i>	<u>May 13 1997</u>
3) Name: _____	_____
4) Name: _____	_____
5) Name: _____	_____
6) Name: _____	_____

RECORDED: 06/30/1997

PATENT  
REEL: 8582 FRAME: 0264

RightFax

3/21/06 5:26 PAGE 002/008 Fax Server



**RECEIVED  
CENTRAL FAX CENTER**

FEB 01 2008

**UNITED STATES PATENT AND TRADEMARK OFFICE**

**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE**

MARCH 21, 2006

PTAS

FINNEGAN, HENDERSON, FARABOW, GARRETT &  
LLP  
901 NEW YORK AVENUE, NW  
WASHINGTON, DC 20001-4413

\*700250393A\*

\* 7002503334

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/14/2006

REEL/FRAME: 017336/0136  
NUMBER OF PAGES: 10

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 9960.0002-02

**ASSIGNOR:**  
ROSIN INSTITUTE (EDINBURGH)

DOC DATE: 06/30/2003

**ASSIGNOR:**  
SECRETARY OF STATE FOR  
ENVIRONMENT, FOOD & RURAL  
AFFAIRS

DOC DATE: 06/30/2003

ASSIGNOR:  
BIOTECHNOLOGY AND BIOLOGICAL  
SCIENCES RESEARCH COUNCIL  
(BBSRC)

DOC DATE: 05/22/2003

RightFax 3/21/06 5:26 PAGE 003/008 Fax Server

017336/0136 PAGE 2

ASSIGNEE:  
ROSLIN (EDINBURGH)  
ROSLIN  
MIDLOTHIAN, EH25 9PS, UNITED  
KINGDOM

SERIAL NUMBER: 08802282 FILING DATE: 02/19/1997  
PATENT NUMBER: 6147276 ISSUE DATE: 11/14/2000  
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER IN THE PRODUCTION  
OF NON-HUMAN MAMMALS AND NON-HUMAN MAMMALIAN EMBRYOS

SERIAL NUMBER: 08803165 FILING DATE: 02/19/1997  
PATENT NUMBER: 6252133 ISSUE DATE: 06/26/2001  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF NUCLEI FROM  
QUIESCENT AND NON-QUIESCENT CELLS WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09225233 FILING DATE: 01/04/1999  
PATENT NUMBER: ISSUE DATE:  
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANFER

SERIAL NUMBER: 09658862 FILING DATE: 09/08/2000  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09650194 FILING DATE: 08/29/2000  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09650285 FILING DATE: 08/29/2000  
PATENT NUMBER: 6525243 ISSUE DATE: 02/25/2003  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF QUIESCENT CELL  
NUCLEI WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09973701 FILING DATE: 10/11/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989125 FILING DATE: 11/21/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989128 FILING DATE: 11/21/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 09989126 FILING DATE: 11/21/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10118337 FILING DATE: 04/09/2002

RightFax 3/21/06 5:26 PAGE 004/008 Fax Server

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

017336/0136 PAGE 3

SERIAL NUMBER: 10151304 FILING DATE: 05/21/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10151305 FILING DATE: 05/21/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10190611 FILING DATE: 07/09/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10190617 FILING DATE: 07/09/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10234854 FILING DATE: 09/05/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10914161 FILING DATE: 08/10/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10915338 FILING DATE: 08/11/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 10909845 FILING DATE: 08/03/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 11068903 FILING DATE: 03/02/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS FOR NUCLEAR TRANSFER

SERIAL NUMBER: 08802282 FILING DATE: 02/19/1997  
PATENT NUMBER: 6147276 ISSUE DATE: 11/14/2000  
TITLE: QUIESCENT CELL POPULATIONS FOR NUCLEAR TRANSFER IN THE PRODUCTION OF NON-HUMAN MAMMALS AND NON-HUMAN MAMMALIAN EMBRYOS

SERIAL NUMBER: 08803165 FILING DATE: 02/19/1997  
PATENT NUMBER: 6252133 ISSUE DATE: 06/26/2001  
TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF NUCLEI FROM QUIESCENT AND NON-QUIESCENT CELLS WHILE MAINTAINING CORRECT PLOIDY

SERIAL NUMBER: 09650285 FILING DATE: 08/29/2000

RightFax 3/21/06 5:26 PAGE 005/008 Fax Server

TITLE: UNACTIVATED OOCYTES AS CYTOPLAST RECIPIENTS OF QUIESCENT CELL  
NUCLEI WHILE MAINTAINING CORRECT PLOIDY

017336/0136 PAGE 4

SHAREILL COLES, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

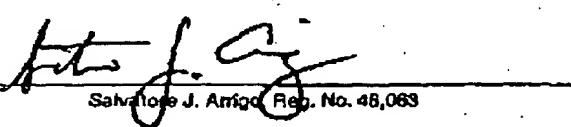
RightFax

3/21/06 5:26 PAGE 006/008

Fax Server

RECEIVED  
CENTRAL FAX CENTER

FEB 01 2008

<del>U.S. GOVERNMENT USE ONLY</del> <b>RECORDATION FOR COVER SHEET PATENTS ONLY</b>		U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 9960.0002-02 Attorney Customer Number: 22,852	
<p>To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.</p> <p style="text-align: right;">Mail Stop Assignment Recordation Services</p>			
<p>1. Name of conveying party(ies): (1) Roslin Institute (Edinburgh) (Dated: June 30, 2003)</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No See Attachment A</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9494, Confirmatory License <input type="checkbox"/> Other:</p> <p>Execution Date: [Date(s)]: (1) June 30, 2003 (2) June 10, 2003 (3) May 22, 2003</p>		<p>2. Name and address of receiving party(ies): Name: Roslin (Edinburgh)</p> <p>Internal Address: Roslin</p> <p>Street Address:</p> <p>City: Midlothian, EH26 9PS</p> <p>State: The United Kingdom Zip Code: [Text]</p> <p>Additional name(s) &amp; Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: [Type appropriate information]</p> <p>A. Patent Application Number(s): 08/802,282 08/803,185</p>		<p>B. Patent Number(s): 6,147,276 6,262,133 6,625,243</p> <p>Additional numbers attached? <input checked="" type="checkbox"/> Yes See Attachment B <input type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT &amp; DUNNER, LLP. Street Address: 801 New York Avenue, N.W. City: Washington, D.C. State: Zip: 20001-4418</p>		<p>6. Total number of applications and patents involved: 22</p> <p>7. Total fee (37 CFR 1.21(h) and 3.41): \$40</p> <p><input type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account No.: 06-0916</p>	
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>Signed:  Salvatore J. Arrigo Reg. No. 48,063 <span style="float: right;">3/14/06</span> Date</p> <p>Total number of pages including cover sheet, attachments and documents: 10</p>			

RightFax

3/21/06 5:26 PAGE 007/008 Fax Server

**1. (continued) Attachment A: Additional Conveying Parties**

- (2) Secretary of State for Environment, Food & Rural Affairs (Dated: June 10, 2003)  
("The Secretary of State") acting through the  
Department for the Environment, Food & Rural Affairs ("DEFRA")  
formerly known as the Ministry for Agriculture Fisheries and Food ("MAFF")
- (3) Biotechnology and Biological Sciences Research Council ("BBSRC")  
(Dated: May 22, 2003)

RightFax

3/21/06 5:26 PAGE 008/008 Fax Server

4. (continued) Attachment B Patent Application Nos.

A. U.S. Patent Application/Serial No.

09/225,233  
09/658,862  
09/650,194  
09/650,285  
09/973,701  
09/989,125  
09/989,128  
09/989,128  
10/118,337  
10/151,304  
10/151,305  
10/190,611  
10/190,617  
10/234,854  
10/914,161  
10/915,338  
10/909,845  
11/068,903